

## CLAIMS

What is claimed is:

1. A handling system for use with a blade, the blade being within a server system,  
2 the handling system comprising:  
3 a chassis for holding the blade;  
4 a first handle member coupled to the chassis;  
5 a second handle member coupled to the chassis and being oppositely disposed  
6 to the first handle member; and  
7 a latching mechanism which holds the first and second handle member in a  
8 retracted position when engaged therewith and the latching member when activated causes the  
9 first and second handle members to spring out to a point where the first and second handle  
10 members can be used to remove the chassis from the server system.

1. 2. The handling system of claim 1 wherein the latching mechanism is spring  
2 loaded.

1. 3. The handling system of claim 1 wherein the latching mechanism further  
2 comprises:  
3 an actuator button;  
4 a first cam member engageably coupled to the actuator button;  
5 a second cam member engageably coupled to the actuator button and oppositely  
6 disposed to the first cam member, the first cam member holding the first handle member in a

7 retracted position and the second cam member holding the second handle member in a  
8 retracted position when the actuator button is engaged with the first and second cam members,  
9 the first and second handle members spring out when the actuator button is depressed therein  
10 disengaging the first and second cam members.

1 4. The handling system of claim 3 wherein each of the first and second cam  
2 members is spring loaded.

1 5. The handling system of claim 4 wherein the handle members can be conformed  
2 to a specified dimensional footprint when in a retracted position.

1 6. The handling system of claim 1 where the first and second handle members can  
2 be latched simultaneously.

1 7. The handling system of claim 1 wherein the first and second handle members  
2 can be latched independently.

1 8. The handling system of claim 4 wherein a spring is coupled to each handle  
2 member, wherein each spring acts to spring the handle member out as well as spring-load the  
3 latch.

1 9. A server system comprising:  
2 a first chassis; and

3 a plurality of servers located within the first chassis; each of the plurality of  
4 servers including a handling system coupled thereto; the handling system comprising a second  
5 chassis for holding the blade; a first handle member coupled to the second chassis; a second  
6 handle member coupled to the chassis and being oppositely disposed to the first handle  
7 member; and a latching mechanism which holds the first and second handle member in a  
8 retracted position when engaged therewith and the latching member when activated causes the  
9 first and second handle members to spring out to a point where the first and second handle  
10 members can be used to remove the second chassis from the first chassis.

10. The server system of claim 9 wherein the latching mechanism is spring loaded.

1 11. The server system of claim 9 wherein the latching mechanism further  
2 comprises:

3 an actuator button;

4 a first cam member engageably coupled to the actuator button;

5 a second cam member engageably coupled to the actuator button and oppositely

6 disposed to the first cam member, the first cam member holding the first handle member in a

7 retracted position and the second cam member holding the second handle member in a

8 retracted position when the actuator button is engaged with the first and second cam members,

9 the first and second handle members spring out when the actuator button is depressed therein

10 disengaging the first and second cam members.

12. The server system of claim 11 wherein each of the first and second cam

2 members is spring loaded.

1 13. The server system of claim 12 wherein the handle members can be conformed  
2 to a specified dimensional footprint when in a retracted position.

1 14. The server system of claim 9 where the first and second handle members can be  
2 latched simultaneously.

1 15. The server system of claim 9 wherein the first and second handle members can  
2 be latched independently.

1 16. The server system of claim 12 wherein a spring is coupled to each handle  
2 member, wherein each spring acts to spring the handle member out as well as spring-load the  
3 latch.